



School of Nursing and Health Professions Syllabus



**THIS COURSE IS OFFERED THROUGH COOPERATIVE AGREEMENT WITH
RWJ-BARNABAS HEALTHEMS MOBILE TRAINING CENTER**

Term: **Credit: 3**

Office Hours:

Course Code: EMT 240

Office Location:

**Title of Course: PRE-HOSPITAL
SHOCK/TRAUMA MANAGEMENT**

Email:

Phone:

Days & Times:

Prerequisites: EMT 220, 230, 235

Location:

Corequisites: EMT 245, 248

Instructor:

COURSE DESCRIPTION:

This course will introduce students to the assessment and treatment of shock/trauma in the pre-hospital environment. Students are taught to view trauma, which is the leading cause of death in persons age 1-44, as a preventable disease rather than an accidental occurrence. Consequently, emphasis is placed upon learning to identify and minimize many of the common factors that promote traumatic injuries (e.g., drinking and driving). In this regard, students are expected to take on the role of educating the community and being advocates for safer standards of living that promote health and reduce the risk of trauma-related injury and death. Topics to be discussed will include: kinematics of trauma, mechanisms of injury, blunt and penetrating trauma, shock/trauma resuscitation and Pre-Hospital Trauma Life Support (PHTLS).

COURSE OBJECTIVES:

Upon completion of this course, students shall:

- (1) Identify the leading causes of trauma among various age groups.
- (2) List the components of a comprehensive trauma system.
- (3) Identify the trauma triage criteria and apply them to narrative descriptions of trauma patients.
- (4) Understand the kinematics of trauma and how to develop a high index of suspicion based on mechanisms of injury.
- (5) Recognize the need for rapid triage and transportation in the case of trauma.

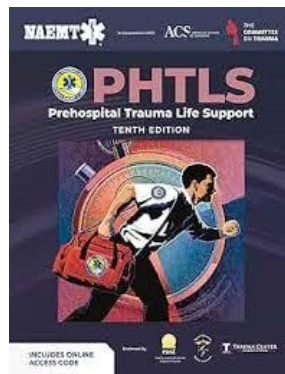
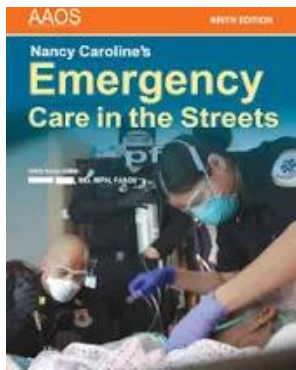
- (6) Demonstrate proper treatment techniques for various types of traumas, ranging from burns to multi-trauma.
- (7) Perform thorough patient assessments and formulate corresponding treatment plans.

Lab/Clinical:

TEXTBOOK REQUIRED:

Mejia, A. (2023). *Nancy Caroline's Emergency Care in the Streets*. Burlington: Jones and Bartlett.

National Association of Emergency Medical Technicians (NAEMT). (2023). *PHTLS, 10th edition*. Jones & Bartlett Learning.



EVALUATION METHODS:

Students must maintain a grade of 80% or better to pass. The course grade will be determined by:

- EMS Testing Quizzes = 5
- LMS Homework = 5%
- Written Assignment(s) = 5%
- Affective Behavior = 10%
- Tests = 30%
- Final Practical 10%
- Skill Portfolio = 5%
- Final Exam = 30%

WEEKLY OUTLINE: Schedules, Topics, Due Dates, Test Dates and all other schedule information is found in the Learning Management System.

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HCCC POLICIES, STATEMENTS, AND SERVICES:

<https://www.hccc.edu/administration/academic-affairs/syllabus-addendum.html>